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Docket No.: 62870(70232)
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Tatsuro Irimura et al.

Application No.: 10/524,970

Confirmation No.: 1465

Filed: August 18, 2005

Art Unit: 1639

For: USE OF LECTIN LIBRARY FOR
DISTINGUISHING GLYCOPROTEINS OR
CELLS, DIAGNOSING SERUM OR
CELLS, OR FRACTIONATING
GLYCOPROTEINS OR CELLS

Examiner: S. X. Liu

RESUBMISSION OF
INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. These references were previously cited in an Information Disclosure Statement ("IDS") filed with the Patent and Trademark Office on August 18, 2005, but do to missing information to references CB and CD the Applicants were advised that the IDS would be placed in the the application filed, but information referred therein would not be considered as to the merits. It is respectfully submitted that the missing information to references CB and CD have been included and it is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

A copy of only those references listed below is attached:

Those documents which are marked with a double asterisk (**) next to the Cite No. in the attached form PTO/SB/08 are not supplied because they were previously cited by or submitted to the Office in previous IDS on August 18, 2005.

A concise explanation of relevance of the items listed on form PTO/SB/08 is given.

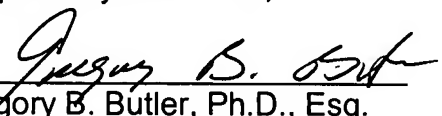
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 62870(70232). A duplicate copy of this paper is enclosed.

Dated: 8-27-07

Respectfully submitted,

By 
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Used in Lieu of PTO/SB/08A/B
(Based on PTO 04-07 version)

Substitute for form PTO/AIA 49/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	10/524,970-Conf. #1465	
			Filing Date	August 18, 2005	
			First Named Inventor	Tatsuro Irimura	
			Art Unit	1639	
			Examiner Name	S. X. Liu	
Sheet	1	of	2	Attorney Docket Number	62870(70232)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA**	US-5,976,535	11-02-1999		
	AB**	US-5,928,895	07-27-1999		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BA**	EP-1 346 730 A1	09-24-2003			
	BB**	WO-95/15979	06-15-1995			
	BC**	EP-0 846 766 A2	06-10-1998			
	BD**	WO-02/066633 A1	08-29-2002			
	BE**	WO-02/066634 A1	08-29-2002			
	BF**	JP-9-506594	06-30-1997			
	BG**	JP-10-179176	07-07-1998			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with a single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ** CITE NO.: Those document(s) which are marked with a double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA**	Maenuma, et al., "Mutated Plant Lectin Library to Be Used for Glyco-Informatics", (2001) Proc. Natl. Acad. Sci. USA 98. 2222-2225	
	CB**	Komatsu, et al., "Random Extension of Outer Loops of Maackia Amurensis Hemagglutinin Generated Libraries with Diverse Specificity and Useful to Identify Cell Surface Glycosylation Profiles", Annual Conference of the Society for Glycobiology, 676 (October 2002)	
	CC**	Yim, et al., "Mutated Plant Lectin Library Useful to Identify Different Cells", (2001) Proc. Natl. Acad. Sci. USA 98. 2222-2225.	
	CD**	Yim, et al., "Generation of Libraries of Genetically Engineered Plant Lectins with Diverse Carbohydrate Specificities" Abstract, 5th Annual Conference of the Society for Glycobiology 2000, Vol. 10, No. 10, pgs. 1094-1095	
	CE**	A. Imberty, et al., "An Unusual Carbohydrate Binding Site Revealed by the Structures of Two Maackia Amurensis Lectins Complexed with Sialic Acid-containing Oligosaccharides", The Journal of Biological Chemistry, vol. 275, No. 23, Issue of June 9, pp. 17541-17548, 2000.	

Examiner Signature	Date Considered
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/524,970-Conf. #1465
				Filing Date	August 18, 2005
				First Named Inventor	Tatsuro Irimura
				Art Unit	1639
				Examiner Name	S. X. Liu
Sheet	2	of	2	Attorney Docket Number	62870(70232)

	CF**	Schena, et al., "Increased Serum Levels of IgA1-IgG Immune complexes and anti-F(ab') ₂ antibodies in Patients with Primary IgA Nephropathy", Clin. exp. Immunol. (1989) 77, 15-20.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ** CITE NO.: Those document(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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Application No. (if known): 10/524,970

Attorney Docket No.: 62870(70232)

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Information Disclosure Statement (2 pages)
IDS (Citation) by Applicant (19 References) (2 pages)
Transmittal (1 page)